

**COMBINED ORIGINAL DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

It is my belief that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **CHEMICAL VAPOR DEPOSITION OF TITANIUM FROM TITANIUM TETRACHLORIDE AND HYDROCARBON REACTANTS**, the specification of which is attached hereto;

I have reviewed and understand the contents of the above identified specification, including the claims;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 of the Code of Federal Regulations, §1.56;

I hereby claim the benefit of any earlier filing date in the United States to which I am entitled under Title 35 of the United States Code, §120 and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35 of the United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 of the Code of Federal Regulation, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

**POWER OF ATTORNEY**

I hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Angus C. Fox, III	Registration No. 31,828
Ralph F. Crandell	Registration No. 18,118
Carol W. Burton	Registration No. 35,465
Homer L. Knearl	Registration No. 21,197
Lee R. Osman	Registration No. 38,260
Earl C. Hancock	Registration No. 19,472
Charles C. Cary	Registration No. 36,764
William J. Kubida	Registration No. 29,664
Gary M. Polumbus	Registration No. 25,364
F. A. Sirr	Registration No. 17,265
W. Bryan Farney	Registration No. 32,651
Lia M. Pappas	Registration No. 34,095

Address correspondence to:

Angus C. Fox, III  
Holland & Hart  
Attorneys at Law  
P.O. Box 8749  
Denver, Colorado 80201-8749

Direct telephone calls to:

Angus C. Fox, III  
(208) 342-5000, Ext. 229

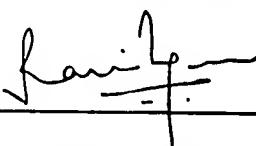
Direct Fax transmissions to:

Angus C. Fox, III  
(208) 343-8869

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Ravi Iyer

Inventor's signature:



Date: 12/26/95

Residence (city, state, country): Boise, Idaho, USA

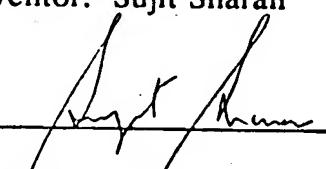
Citizenship: India

Post Office Address:

5600 S. Fuchsia  
Boise, ID 83705

Full name of second inventor: Sujit Sharan

Inventor's signature:



Date: 12/22/95

Residence (city, state, country): Boise, Idaho, USA

Citizenship: India

Post Office Address:

5683 S. Allysum  
Boise, ID 83705

61043/December 19, 1995

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Ravi Iyer et al.

Serial No.: 08/581,765

Filed: January 2, 1996

For: CHEMICAL VAPOR DEPOSITION  
OF TITANIUM FROM TITANIUM  
TETRACHLORIDE AND  
HYDROCARBON REACTANTS

Examiner: R. Berry

Group Art Unit: 2813

Attorney Docket No.: 3965US (94-0194)

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail (under 37 C.F.R. § 1.8(a)) on the date of deposit shown below with sufficient postage and in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

03/15/99  
Date of Deposit

  
Signature of registered practitioner or other person having reasonable basis to expect mailing to occur on date of deposit shown pursuant to 37 C.F.R. § 1.8(a)(1)(ii)

Deidra Pfeil  
Type/printed name of person whose signature is contained above

POWER OF ATTORNEY, REVOCATION OF PRIOR  
POWER OF ATTORNEY (37 C.F.R. § 1.36) and REQUEST TO  
CHANGE CORRESPONDENCE ADDRESS (37 C.F.R. § 1.33(d))  
with STATEMENT PURSUANT TO 37 C.F.R. § 3.73

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

As assignee of the entire interest in the above-identified application, all powers of attorney previously given herein are HEREBY REVOKED and the following attorneys are hereby appointed to prosecute and transact all business in the U.S. Patent and Trademark Office in connection herewith.

David V. Trask, Reg. No. 22,012  
William S. Britt, Reg. No. 20,969  
Thomas J. Rossa, Reg. No. 26,799  
Laurence B. Bond, Reg. No. 30,549  
Joseph A. Walkowski, Reg. No. 28,765  
James R. Duzan, Reg. No. 28,393  
Allen C. Turner, Reg. No. 33,041  
Kent S. Burningham, Reg. No. 30,453

Robert G. Winkle, Reg. No. 37,474  
Edgar R. Cataxinos, Reg. No. 39,931  
Brick G. Power, Reg. No. 38,581  
Kenneth C. Booth, Reg. No. 42,342  
Samuel E. Webb, Reg. No. P-44,394  
Michael L. Lynch, Reg. No. 30,871  
Lia M. Pappas, Reg. No. 34,095

In accordance with 37 C.F.R. § 1.33(d), please change the address for all purposes in connection with the above-identified patent and direct all communications to:

JAMES R. DUZAN  
TRASK, BRITT & ROSSA  
P. O. Box 2550  
Salt Lake City, Utah 84110  
(801) 532-1922

Pursuant to 37 C.F.R. § 3.73, the undersigned representative of the Assignee has reviewed the evidentiary documents, specifically the Assignment to Micron Technology, Inc. recorded on January 2, 1996 at Reel 7837, Frame 0209, and certifies that to the best of his knowledge and belief, title remains in the name of Micron Technology, Inc. as Assignee of record of the entire interest in the above-identified patent application.

The undersigned further avers that he is empowered to make and sign the foregoing certification on behalf of the Assignee, and to take the action set forth herein on behalf of the Assignee, pursuant to a resolution of its Board of Directors.

Respectfully submitted,

MICRON TECHNOLOGY, INC.

Dated: 1/12/1999

By: MLL

Michael L. Lynch, Esq.  
Reg. No. 30,871  
Chief Patent Counsel, an authorized  
representative empowered to grant the  
foregoing power of attorney